



INTEROFFICE MEMORANDUM

March 18, 2019

TO: Master Files

FROM: *JF* John Fleming, Division Head, Environmental Division *B. Price*

SUBJECT: Job Number 061506
FAP Number NHPP-9315(50)
Shilcotts Bayou Str. & Apprs. (North Little Rock) (S)
Route 176, Section 1
Bridge Number M2222
Pulaski County
Tier 2 Categorical Exclusion

The Environmental Division reviewed the referenced project and has determined it falls within the definition of a Tier 2 Categorical Exclusion under 23 Code of Federal Regulations, Section 771.117, and the ARDOT/FHWA Memorandum of Agreement on the processing of Categorical Exclusions.

The purpose of this project is to replace a deficient bridge over Shilcotts Bayou on Highway 176. The total project length is 0.08 mile. A project location map is attached.

The existing bridge (M2222) is a 22' x 42' structure. Highway 176 has two 11' paved travel lanes, an 11' two-way left turn lane, and no shoulders. The existing right of way width is 90'.

The new structure will be a quintuple 95' x 6' x 5' reinforced concrete box culvert on existing location. Detours and scheduling major construction activities during weekends and off-peak hours will be used to maintain traffic during construction. The proposed approaches will have two 12' paved travel lanes, a 12' two-way left turn lane, and 1' paved shoulders. In addition to typical curb and gutter on both sides of the roadway, a 3' berm and 5' sidewalk will be constructed on the left (west) side. Approximately 0.2 acre of new right of way and 0.04 acre of

temporary construction easement will be acquired. The new right of way width will be 140’.

Design data for this project is as follows:

Design Year	Average Daily Traffic	Percent Trucks	Design Speed (mph)
2019	12,000	2	35
2039	15,000	2	35

There are no relocations, wetlands, prime farmland, environmental justice issues, hazardous materials, or cultural resources associated with this project. Concurrence from the State Historic Preservation Officer is attached. This project has been determined to generate minimal air quality impacts for Clean Air Act criteria pollutants and has not been linked with any special mobile source air toxic (MSAT) concerns.

Based on the ARDOT’s noise policy, a noise analysis is not required for this project. The replacement of a bridge on existing location does not involve added capacity or expose noise sensitive land uses to a new or existing highway noise source. In compliance with federal guidelines, local authorities will not require notification.

Construction of this project will replace the existing structure located at station 108+27 with a quintuple barrel concrete box culvert. Shilcotts Bayou is classified as a perennial stream and impacts are estimated to be less than 0.1 acre. Construction should be allowed under the terms of a Nationwide Permit 14 for Linear Transportation Projects as defined in the Federal Register 82(4):1860 - 2008.

The official species list obtained from the United States Fish and Wildlife Service identified one endangered species, one threatened species, and one candidate species as potentially occurring within the project boundaries. The Piping Plover (*Charadrius melodus*), running buffalo clover (*Trifolium stoloniferum*), and rattlesnake-master borer moth (*Papaipema eryngii*) were identified as species that may occur in the proposed project location. Based on the lack of suitable habitat in the project area and scope of the project, it has been determined that the project will have “no effect” on all listed species.

Pulaski County participates in the National Flood Insurance Program. Most of the project lies within Zone AE Special Flood Hazard Area. The final project design will be reviewed to confirm that the design is adequate and that the potential risk to life and property are minimized. Adjacent properties should not be impacted nor have a greater flood risk than existed before project construction. None of the encroachments will constitute a substantial floodplain encroachment or risk to property or life.

A Public Involvement meeting was held on January 24, 2019; the meeting synopsis is attached.

Attachments:

Project Location Map
SHPO Clearance
Public Involvement Synopsis
Environmental Study Checklist
Design Sheet

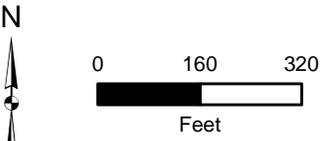
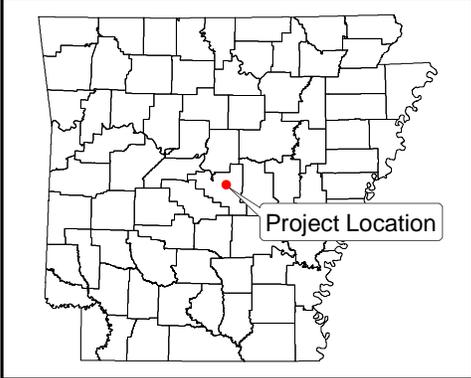
Approved:



Kevin Thornton
Assistant Chief Engineer-Planning

JF:MP:am

c: Program Management
Right of Way
Roadway Design
District 6
FHWA



Job 061506
 Shilcotts Bayou Str. & Apprs.
 (Hwy. 176)
 Pulaski County





THE DEPARTMENT OF ARKANSAS
HERITAGE

Asa Hutchinson
Governor

Stacy Hurst
Director

January 23, 2019

**RECEIVED
ARDOT**

JAN 28 2019

**ENVIRONMENTAL
DIVISION**

Mr. John Fleming
Division Head, Environmental Division
Arkansas State Highway and Transportation Department
PO Box 2261
Little Rock, AR 72203-2261

RE: Pulaski County – North Little Rock
Section 106 Review – FHWA
ARDOT Job Number 061506
Shilcotts Bayou Str. & Apprs. (S)
Route 176, Section 1
AHPP Tracking Number 100200.02

Arkansas Arts Council

Arkansas Historic
Preservation Program

Arkansas Natural
Heritage Commission

Arkansas State Archives

Delta Cultural Center

Historic Arkansas Museum

Mosaic Templars
Cultural Center

Old State House Museum

Dear Mr. Fleming:

The staff of the Arkansas Historic Preservation Program (AHPP) has reviewed the documents included with your letter of January 23, 2019.

We continue to concur that Properties 1-10 are not eligible for listing in the National Register of Historic Places (NRHP). Therefore, based on the previous correspondence with the AHPP, the archeological survey information provided with the PIF, and the project description, we concur that the proposed undertaking will have no effect on historic properties.

Tribes that have expressed an interest in the area include the Caddo Nation (Ms. Tamara Francis), the Cherokee Nation (Ms. Elizabeth Toombs), the Chickasaw Nation (Ms. Karen Brunso), the Choctaw Nation of Oklahoma (Dr. Ian Thompson), the Jena Band of Choctaw Indians (Ms. Alina J. Shively), the Muscogee (Creek) Nation (Ms. Corain Lowe-Zepeda), the Osage Nation (Dr. Andrea Hunter), the Quapaw Nation of Oklahoma (Mr. Everett Bandy), and the Shawnee Tribe of Oklahoma (Ms. Tonya Tipton). We recommend that they be consulted in accordance with 36 CFR § 800.2 (c) (2).

Thank you for the opportunity to review this undertaking. If you have any questions, please call Theresa Russell of my staff at (501)-324-9357. Please refer to the AHPP Tracking Number listed above in all correspondence.

Sincerely,

Scott Kaufman
Director, AHPP

cc: Mr. Randal Looney, Federal Highway Administration
Dr. Ann Early, Arkansas Archeological Survey
Ms. Sandra Taylor Smith, City of North Little Rock



ARKANSAS HISTORIC
PRESERVATION PROGRAM



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PUBLIC INVOLVEMENT SYNOPSIS

Job Number 061506
Shilcotts Bayou Str. & Apprs. (S)
Pulaski County
Thursday, January 24, 2019

An open forum Public Involvement meeting for the proposed project was held at the Levy Church of Christ (Room 1001), 5124 Camp Robinson Road, North Little Rock, from 4:00 – 7:00 p.m. on Thursday, January 24, 2019. Efforts to involve minorities and the public in the meeting included:

- Display advertisement placed in *The Leader* on Wednesday, January 16 and 23, 2019.
- Display advertisement placed in *El Latino* on Thursday, January 17 and 24, 2019.
- Display advertisement placed in the *Arkansas Democrat Gazette* on Sunday, January 20, 2019.
- Public Service Announcement ran on Cumulus Power 92.3 FM from Monday, January 21 through Thursday, January 24, 2019.
- Outreach letters mailed to public officials.
- Distribution of flyers in the project area.

The purpose of the proposed project is to replace a structurally and hydraulically deficient bridge on Hwy. 176 with a reinforced concrete box culvert. The following information was available at the meeting for public review and comment:

- Displays of an aerial-based project location map (scale: 1 inch = 75 feet).
- Preliminary project design plans (scale: 1 inch = 50 feet).

Public handouts included a Citizen Comment Form and a small-scale project location map. Copies of the handouts are attached to this synopsis.

Table 1 summarizes public participation at the meeting.

TABLE 1	
Public Participation	Totals
Attendance at meeting (including ARDOT staff)	29
Citizen Comment Forms received	5
Letters received	1
Total comments received	6

ARDOT staff reviewed and evaluated all comments received. The summary below reflects the perception or opinion of the person or organization making the comment(s). The order in which the comments are listed is random and does not reflect the number of times comments were made or their significance. Not all commenters responded to every Comment Form question, and some responses were ambiguous. A few of the comments were combined and/or paraphrased to simplify this synopsis.

Table 2 summarizes responses to Citizen Comment Form questions.

TABLE 2	
Survey Results	Totals
Feel proposed improvements are needed	4
Do not feel proposed improvements are needed	2
Suggestions to better serve the needs of the community	2
Beneficial impacts due to the proposed project	2
Adverse impacts due to the proposed project	1

Comments regarding why the bridge replacement is needed included to prevent flooding and provide sidewalks.

Comments regarding how the project could better serve the needs of the community included:

- Provide pedestrian- or bicycle-only infrastructure, including pedestrian crossings, sidewalks on both sides of the roadway, and/or painted bicycle lanes.
- Provide accommodations for public transit users due to the presence of a Rock Region METRO bus stop in the project area.
- Retain the small bridge at 54th St. and Camp Robinson Road to provide pedestrian access to Camp Robinson Park (Park) and keep them off the roadway; bollards could be installed to prevent vehicles from accessing the small bridge.

Comments regarding beneficial impacts included decreasing flooding and increasing pedestrian access to the Park.

Comments regarding adverse impacts included concerns about increased flooding in residential yards.

One comment regarding the permanent road closure of 54th Street indicated the closure would make side driveway exits dangerous for a resident.

A Rock Region METRO transit planner expressed the following additional comments/concerns: the project design does not provide adequate safety provisions for public transit users, pedestrians, and bicyclists; desire for ARDOT to partner with Rock Region METRO with the goal of making safety improvements for all forms of transportation across ARDOT's urban highway network in Central Arkansas; request that ARDOT include Rock Region METRO in preliminary design stage for future projects involving roadways served by Rock Region METRO; and painted crosswalks with signage in the project area are needed.

Attachments:

Blank Comment Form

Small-Scale Project Location Map

RJ RS
DN DN

MP:am

**ARKANSAS DEPARTMENT OF TRANSPORTATION (ARDOT)
CITIZEN COMMENT FORM**

**ARDOT JOB NUMBER 061506
Shilcotts Bayou Str. & Apprs. (Hwy. 176)
PULASKI COUNTY**

**LOCATION:
LEVY CHURCH OF CHRIST
(ROOM 1001)
5124 CAMP ROBINSON ROAD
NORTH LITTLE ROCK, AR 72118
4:00 – 7:00 P.M.
THURSDAY, JANUARY 24, 2019**

Make your comments on this form and leave it with ARDOT personnel at the meeting or mail it by 4:30 p.m. on **Friday, February 8, 2019** to: Arkansas Department of Transportation, Environmental Division, Post Office Box 2261, Little Rock, Arkansas 72203-2261. Email: environmentalpimeetings@ardot.gov.

Yes No
 Do you feel there is a need for the proposed bridge replacement on Highway 176 (Camp Robinson Road) in North Little Rock? Comment (optional)_____

 Do you have any comments concerning the permanent road closure of 54th street off Hwy. 176 (Camp Robinson Road) in North Little Rock Comment (optional)_____

 Do you know of any historical sites, family cemeteries, or archaeological sites in the project area? Please note and discuss with staff. _____

 Do you know of any environmental constraints, such as endangered species, hazardous waste sites, existing or former landfills, or parks and public lands in the vicinity of the project? Please note and discuss with ARDOT staff. _____

Yes

No

Does your home or property offer any limitations to the project, such as septic systems, that ARDOT needs to consider in its design? _____

Do you have a suggestion that would make this proposed project better serve the needs of the community? _____

Do you feel that the proposed improvements project will have any impacts (Beneficial or Adverse) on your property and/or community (economic, environmental, social, etc.)? Please explain. _____

It is often necessary for ARDOT to contact property owners along potential routes. If you are a property owner along or adjacent to the route under consideration, please provide information below. Thank you.

Name : _____ (Please Print)

Address: _____ Phone: (____) _____ -- _____

E-mail: _____

Please make additional comments here. _____



0 75 150
Feet

ARDOT - Environmental GIS - Hopkins
Map Date - January 16, 2019
Meeting Date - January 24, 2019 Public
Involvement Meeting Handout



Job 061506
Shilcotts Bayou Structure and Approaches
Highway 176
Pulaski County

Preliminary
Subject to Revision

	Project Location
	Obliteration

Notes:

**ARDOT ENVIRONMENTAL VERIFICATION CHECKLIST
FOR CONSIDERATION OF POTENTIAL IMPACTS**

ARDOT Job Number 061506 FAP Number NHPP-9315(50)

Job Title Shilcotts Bayou Str. & Apprs. (North Little Rock) (S)

Environmental Resource	None	Minimal	Major	Comments-required for each item
Air Quality	X			No air quality/MSAT impacts
Cultural Resources	X			SHPO clearance received 1/24/2019
Economic	X			No adverse impacts
Endangered Species	X			No Effect; USFWS obtained 12-10-18
Environmental Justice/Title VI	X			EJ populations not located in area
Fish and Wildlife		X		During construction
Floodplains		X		Zone AE
Forest Service Property	X			None in project area
Hazardous Materials/Landfills	X			None identified in project area
Land Use		X		0.2 acre new ROW; 0.04 acre TCE
Migratory Birds		X		Migratory Bird SP included
Navigation/Coast Guard	X			No navigable waterways involved
Noise Levels		X		Temporary during construction
Prime Farmland	X			Project within city limits
Protected Waters	X			None occur in project area
Public Recreation Lands	X			None in project area
Public Water Supply/WHPA	X			None in project area
Relocatees	X			No relocations necessary
Section 4(f)/6(f)	X			No Section 4(f)/6(f) resources in ROW
Social	X			No adverse social impacts
Underground Storage Tanks	X			None identified in project area
Visual	X			No adverse impacts on visual quality
Streams		X		Less than 0.1 acre of impact
Water Quality		X		During construction
Wetlands	X			None in project area
Wildlife Refuges	X			None occur in project area

Section 401 Water Quality Certification Required? No

Short-term Activity Authorization Required? Yes

Section 404 Permit Required? Yes Type NW14

Remarks: _____

Signature of Evaluator Mary L. Pearson Date 03/14/19

Date Sent: March 14, 2019

ROADWAY DESIGN REQUEST

Job Number 061506 FAP No. _____ County Pulaski

Job Name Shilcotts Bayou Str. & Apprs. (North Little Rock) (S)

Design Engineer David Baker Environmental Staff _____

Brief Project Description Replacement of a structurally deficient bridge with a box culvert

A. Existing Conditions:

Roadway Width: 33' Shoulder Type/Width: N/A

Number of Lanes and Width: 3 -11' Existing Right-of-Way: 90'

Sidewalks? N/A Location: _____ Width: _____

Bike Lanes? N/A Location: _____ Width: _____

B. Proposed Conditions:

Roadway Width: 36' Shoulder Type/Width: 1'

Number of Lanes and Width: 3 - 12' Proposed Right-of-Way: 140'

Sidewalks? Yes Location: 3' behind curb on LT. Width: 5'

Bike Lanes? N/A Location: _____ Width: _____

C. Construction Information:

If detour: Where: _____ Length: _____

D. Design Traffic Data:

2019 ADT: 12000 2039 ADT: 15000 % Trucks: 2

Design Speed: 35 m.p.h.

E. Approximate total length of project: .080 mile(s)

F. Justification for proposed improvements: Structurally deficient bridge

G. Total Relocates: 0 Residences: _____ Businesses: _____

H. Have you coordinated with any outside agencies (e.g., FHWA, City, County, etc.)? Yes

Agency/Official	Person Contacted	Date
City of North Little Rock	Chris Wilbourn	4/19/18